

What is claimed is:

1. A method of preventing substrate intensification effects when impregnating porous inorganic substrates, by first applying to the target substrate surface a primer composition, drying and curing the primer system, the substrate surface acquiring hydrophobic and oleophobic properties such that a drop of water applied thereto evaporates before it penetrates into the substrate and a drop of n-decane likewise applied thereto and left to act for 30 seconds can be removed, without the drops leaving dark spots on the substrate surface, and then carrying out the impregnation.
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2. A method as claimed in claim 1, wherein a primer is used which comprises at least one fluorofunctional component.
- 15 3. A method as claimed in claim 1 or 2, wherein a primer is used which comprises at least one fluoroalkylsilyl-functional component.
4. A method as claimed in any one of claims 1 to 3, wherein a primer is used which comprises at least one cocondensate of at least one fluoroalkyl-functional silane
20 and at least one aminoalkyl-functional silane.
5. A method as claimed in any one of claims 1 to 4, wherein a primer is used which comprises at least one fluoroalkyl-modified acrylate polymer.
- 25 6. A method as claimed in any one of claims 1 to 5, wherein a primer is used which comprises at least one fluorofunctional acrylic copolymer.
7. A method as claimed in any one of claims 1 to 6, wherein concentrated active substance systems or those diluted with water and/or alcohol are used as
30 primers.
8. A method as claimed in any one of claims 1 to 7, wherein a primer is used which

has a fluorofunctional active substance content of from 0.5% to 30% by weight.

9. A method as claimed in any one of claims 1 to 8, wherein the primer is applied by spraying, brushing, rolling or knife coating.

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10. A method as claimed in any one of claims 1 to 9, wherein the primer is applied at a rate of from 25 to 200 g/m².

10. A method as claimed in any one of claims 1 to 10, wherein the primer system is dried and cured at a temperature of from 5 to 60°C and at a relative atmospheric humidity of from 0% to 90%.

12. A method as claimed in any one of claims 1 to 11, wherein the primer system is dried and cured for at least 4 hours before the impregnation is applied.

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13. A method as claimed in any one of claims 1 to 12, wherein the impregnating composition is applied by spraying, brushing, rolling or knife coating.

20. A method as claimed in any one of claims 1 to 13, wherein the spraying of the compositions employed here is carried out by the airless or HVLP process.

25. The use of fluoroalkyl-modified and/or fluorofunctional acrylate systems or fluoroalkyl-/aminoalkyl-/alkoxy- and/or hydroxy-functional siloxane systems or fluoroalkyl-functional silane and/or siloxane systems or mixtures of at least two of the aforementioned substances or solutions thereof in water, alcohol and/or solvents as primers for preventing substrate intensification effects in the case of architectural preservation by impregnation as set forth in any one of claims 1 to 14.